

Patent Claims

1.-12. (cancelled)

13. (new) A communications system for signaling apparatuses at an airport, comprising the following system components:

at least one central communications apparatus; and
a plurality of signaling apparatuses, wherein a communication between the system components is performed via one or more circuits supplying the signal apparatuses with power, and wherein the communication between the system components is performed in a frequency range using a number of frequency bands within the frequency range.

14. (new) The communications system as claimed in patent claim 13, wherein the communication is controlled by a number of time slices.

15. (new) The communications system as claimed in patent claim 13, wherein the frequency range is chosen from the range between 10 kHz and 150 kHz.

16. (new) The communications system as claimed in patent claim 14, wherein the frequency range is chosen from the range between 10 kHz and 150 kHz.

17. (new) The communications system as claimed in patent claim 13, wherein up to ten frequency bands are used.

18. (new) The communications system as claimed in patent claim 14, wherein up to ten frequency bands are used.

19. (new) The communications system as claimed in patent claim 15, wherein up to ten frequency bands are used.

20. (new) The communications system as claimed in patent claim 14, wherein up to five time slices are used.

21. (new) The communications system as claimed in patent claim 15, wherein up to five time slices are used.

22. (new) The communications system as claimed in patent claim 17, wherein up to five time slices are used.

23. (new) The communications system as claimed in patent claim 13, wherein the OFDM method is used for performing the communication.

24. (new) The communications system as claimed in patent claim 14, wherein the OFDM method is used for performing the communication.

25. (new) The communications system as claimed in patent claim 15, wherein the OFDM method is used for performing the communication.

26. (new) The communications system as claimed in patent claim 13, wherein the central communications apparatus and the signaling apparatuses are connected via a series circuit.

27. (new) The communications system as claimed in patent claim 14, wherein the central communications apparatus and the signaling apparatuses are connected via a series circuit.

28. (new) The communications system as claimed in patent claim 13, wherein the central communications apparatus and the signaling apparatuses are connected via a parallel circuit.

29. (new) The communications system as claimed in patent claim 13, wherein at least one decentralized communications apparatus is allocated to at least one signaling apparatus, and wherein the decentralized communications apparatus is adapted to measure the reception quality of communications signals.

30. (new) The communications system as claimed in patent claim 13, wherein at least one decentralized communications apparatus is allocated to at least one signaling apparatus, and wherein the decentralized communications apparatus is adapted to preprocess communication signals.

31. (new) The communications system as claimed in patent claim 13, further comprising decentralized communication apparatuses forming an adaptive system.

32. (new) The communications system as claimed in patent claims 29, wherein a communication path between at least two of the system components is determined using the measured reception quality.